

OVENTRY GAUGE & TOO

TELEPHONE:

FLETCHAMSTEAD,

COVENTRY, GAUGES, COVENTRY.

PRODUCED SPECIFICALLY FOR

THREADED PARTS





lear set-up for left hand threads dote ball-bearing idler Gear.





Screw Cutting Last n fact any par

In addition to the illustrations shown on this page, the following points will be of interest:—

- (1) the Lathe is obtainable in three sizes is inch (450m m) 48 inch (250m m) and 72 inch (1800 m, m) at ween centres.
 (2) Incorporates a Studest Speed Control giving a large of speed from 7 to 70 r.p.
- A Pitch Corrector operating on to the Lead Nut is provided with removable plates for maintaining the accuracy of the Machine. The Corrector can also be swivelled to give small blustments to the total pitch.



Tailstock incorporates correction device to ensure parallelism of work



Substantial Guide Ways ensuring long life. Rigid design of Bass, eliminating distortion.



Coolant System is self contained Leakage is therefore impossible



This simple but accurate Taper Thread Unit may be ordered with machine if required.

sible limits which de-



Gearless Drive by endless "V"
Helts give sweet vibrationless drive
Note sight feed lubrication to main
bearings



14 inch Precision Face Plats hardened and ground Clamp for internal Work.





Travelling Traverse controls. Either hand operated or by automatic stops



SCREW CUTTING LATHE



High Precision SCREW CUTTING LATHE



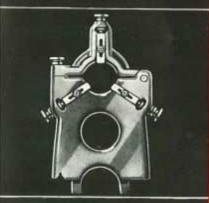
Change Gears are precision cut from stabilized close-grained cast iron.



Toughened steel universal external Tool Block



6 inch Precision Face Plate and Standard Driving Plate.



Rigid 3-point Fixed Steady

STANDARD EQUIPMENT

Electric Motors and Control Gear.

Headstock and Tailstock Centres.

Set of Precision Cut Change Gears to cover six pitches.

Oil Guns, Spanners, etc.

EXTRA EQUIPMENT

Extra Change Gears.

Driving Plate.

14" (350 m/m) Face Plate Complete with Special

6" (150 m/m) Face Plate Complete with Special

9" (225 m/m) Chuck and Adaptor.

Pitching Handle.

Pitch Corrector (to be ordered with machine.)

Taper Attachment.

Fixed Steady. 1" (6 m/m) to 3" (75 m/m) dia.

Travelling Steady. 1" (12 m/m) to 3" (75 m/m) dia.

Internal Tool Block.

External Tool Block.

Lighting Equipment.

Microscope.

Coolant System.

Between Centres

Change Gear Plates for Long and Short Pitches.

DIMENSIONS AND CAPACITIES

18" (450 m/m) 48" (1200 m/m)

			and	72" (1800 m/m).	
Swing over bed	745	0.100	1444	15" (375 m/m).	
Swing over Saddle		-	-	9" (225 m/m).	
Taper in Workhead	-11-0	1	-	No. 4 Morse.	
Taper in Tailstock	0.44	4		No. 3 Morse,	
Max. Pitch Recommend	led	100		1" (25 m m).	
Max. Taper 4" (100 m/m) per foot on dia.					
Max. Spindle Speed	112	AND TONE	2011	70 R. P. M.	
Min. Spindle Speed	****		2000	7 R. P. M.	
Max. Return Speed	****		-1110:	280 R. P. M.	
H.P. of Main Motors				1 - I H.P.	
Capacity of Coolant Pump 3 gallons (13:5 Litres) per min.					
Capacity of Coolant Tank 21 gallons (11-25 Litres).					
Approx. Nett Weight (18 crs.) 35 cwt. (48 crs.) 40 cwt. (72 crs.) 50 cwt.					
Approx. Gross Weight	(1	B crs.) 5	0 cwt.	(48 crs.) 60 cwt. (72 crs.) 70 cwt.	
	rox. Shipping Dimensions (18"crs.) 37" x 68" x 60" (48"crs.) 37" x 98" x 60" (72"crs.) 37" x 124" x 60".				
Floor Space Occupied	(1) 31"	× 62" (775 m	/m x 1550 m/m).	
(A) (A)	(2) 31"	× 92" (775 m	/m x 2300 m/m).	
	(3) 31":	× 118" (775 m	$/m \times 2950 \text{ m/m}$).	
Total Height	ALAS		****	54" (1350 m/m).	
15				SOME SERVICE	



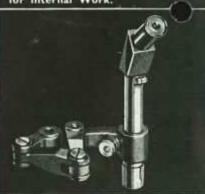
Internal Tool Block with eccentric Bush for accurate setting of the tool height.



Lever for hand rotating the Lead Screw for setting up purposes,



14 inch Precision Face Plate with hardened and ground Clamp Blocks for internal Work.



Viewing microscope essential for Fine Pitch work

OVENTRY GAUGE&TOOL®

TELEPHONE: COVENTRY 5521

FLETCHAMSTEAD.

COVENTRY. TELEGRAMS: GAUGES, COVENTRY.